METHOD, SOFTWARE AND SYSTEM FOR MULTI-PATH FAIL-OVER RECOVERY IN SEQUENTIAL STORAGE SYSTEMS

ABSTRACT OF THE DISCLOSURE

A method, software and system are disclosed for
5   enabling multi-path error recovery of failed
communicators with sequential storage device systems. In
one embodiment, an information handling system (IHS)
coupled to a sequential storage device via first and
second communication paths is provided. Information
10   exchanges between the IHS and the sequential storage
device are monitored for communication path failure. In
response to a failure event on a primary communication
path, status of the halted information exchange is
maintained by a host bus adapter and its supporting
15   software on the IHS and in a fibre channel interface
module of the sequential storage device. Status
information regarding the halted information exchange is
communicated to a fail-over host bus adapter of the IHS.
The information exchange is completed on the fail-over
20   communications path beginning from the point of failure
such that data of the sequential information exchange is
maintained in order.